SOLARLINK FR500

Self-Powered and Solar-Powered AM/FM/Shortwave Radio with
NOAA Weatherband, Flashlight, Siren and Cell Phone Charger

OWNER'S MANUAL

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DO YOU NEED HELP?

If you need help, please contact us:
Monday-Friday, 8:30 a.m.-4:00 p.m., North American Pacific Time.
1-800-872-2228 from the U.S ; 1-800-637-1648 from Canada
650-903-3866, worldwide ; FAX: 650-903-3867 ; www.etoncorp.com
Etón Corporation, 1015 Corporation Way, Palo Alto, CA 94303, USA

WARNING

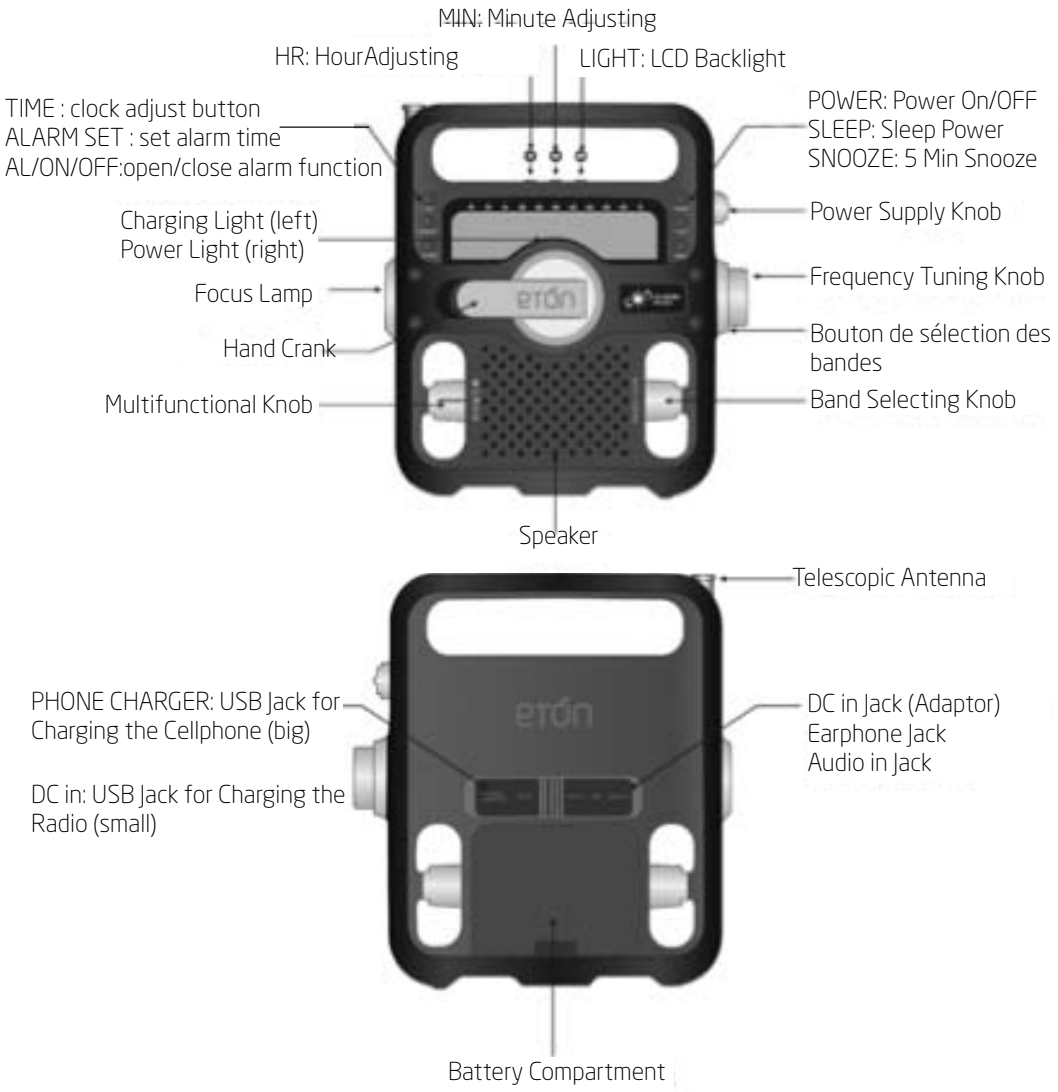
- Do not expose this appliance to rain or moisture.
- Do not submerge or expose for extended period to water.
- Protect from high humidity and rain.
- Only operate within specified temperature range (0 °C to 40 °C).
- Unplug immediately if liquid has been spilled or object have fallen into the apparatus.
- Clean only with a dry cloth. Do not use detergents or chemical solvents as this might damage the finish.
- Unplug and disconnect external antennas (not included) during lightning storms.
- Do not remove cover [or back].
- Refer servicing to qualified service personnel.

ENVIRONMENT

Disposal

According to the European Directive 2002/96/EC all electrical and electronic products must be collected separately by a local collection system.

Please act according to your local rules and do not dispose of your old products with your normal household waste.



The FR500 plays AM (520-1710 KHz), FM (88-108 MHz), SW (short-wave, 5.8 – 12.2 MHz) and 7 NOAA Weather Channels:

Channel 1	162.400 MHz
Channel 2	162.425 MHz
Channel 3	162.450 MHz
Channel 4	162.475 MHz
Channel 5	162.500 MHz
Channel 6	162.525 MHz
Channel 7	162.550 MHz

VOLUME CONTROL

Turning the **Volume Adjusting Knob** (located on the lower right of the radio) clockwise turns up the volume; counterclockwise turns down the volume. **Always turn down the volume before using earphones.**

POWERING AND TURNING ON THE FR500

The FR500 is powered with 3 AA batteries, the solar cell, the Dynamo (rechargeable Ni-MH battery), the AC adapter (not included) or the DC computer input. Select BATTERY, SOLAR or DYNAMO power with the Power Supply Knob on the upper right side of the radio. The power sockets are on the back of the radio, under the rubber covers. After applying power, select the correct position with the **Power Supply Knob** and by pressing the POWER button. Turn it off by placing the **Power Supply Knob** in the **Off** position.

Note: the radio can be played while it's charging.

BATTERY POWER

Install 3 AA batteries and set the power selector switch to the BAT-TERY position.

SOLAR POWER

When you're in sunlight set the power switch to the SOLAR position. This position also recharges the Ni-MH rechargeable battery.

DYNAMO POWER

The rechargeable Ni-MH (nickel-metal-hydride) battery is in the battery compartment. To use it plug the battery into the socket adjacent to it, then set the power switch to the DYNAMO position. You may have to charge the battery; to do this turn the crank for 90 seconds. The rechargeable battery will eventually lose its ability to hold a charge. Call Eton Corporation to order another one.

DC-IN 5V AC ADAPTER (not included)

This socket is located on the back of the radio, under the rubber plugs. Plug in the AC adapter to the DC IN 5 volt socket. This also charges the Ni-MH battery.

DC-IN USB COMPUTER SOCKET (USB cord not included)

This socket is located on the back of the radio, under the rubber plugs. Plug in the AC adapter to the DC IN 5 volt socket. This also charges the Ni-MH battery.

ANSWERS TO YOUR QUESTIONS REGARDING CHARGING

How much operating time does hand cranking provide? Cranking 120 times per minute, for 1 minute, plays the radio for about 4 minutes at low volume. Since volume is relative this may be higher or lower depending on how loud the volume is.

How long does it take to fully charge the battery by hand cranking? It is not practical to charge the battery via hand cranking. Since the battery capacity is 600mAh (milliamp hours). Fully charging it by cranking would take 3 hours at 120 turns per minute.

How do you switch from hand crank direct power to just charging the battery? When in the OFF position, cranking or solar cell is charging the cell phone or MP3; when the switch is at the other 3 positions, both the solar cell and cranking can charge the battery.

Can the solar cell power the radio on its own, or is it just used to charge the battery? Yes, the solar cell can power the radio on its own, and also charge the battery.

How long does it take the solar cell to charge the battery? It will take 12-15 hours for the solar cell to charge the battery.

A fully charged battery will last about 6 hours at low volume when receiving radio programs and about 5 hours at low volume when receiving aircraft band.

ORDERING A CELL PHONE ADAPTER TIP

Send Eton Corporation a post card with your name, address and preferably your email address (telephone number is OK). Include the radio model and the brand and model of your cell phone (the model is often found on the body of the cell phone, under the battery). The first adapter tip is free of charge; additional adapter tips are $5 each. Alternately, you may call and order an adapter tip via our toll-free number or send an email (go to www.etoncorp.com).

CHARGING CELL PHONES

If you revolve the **Power Supply Knob** to the **OFF/PHONE CHARGER** position the radio will charge cell phones. Plug the cell phone charging cord into the **USB PHONE.**

CHARGER

Jack at the rear of the radio. Plug the cell phone charging adapter tip into the other end of the cord and then into the jack of the cell phone. Then put the radio in the sun or revolve the hand crank to charge the cell phone. About 10 minutes of cranking results in one or two short emergency calls.

CHARGING AND POWER LIGHT

Charging Light

- If charged by turning the hand crank, the charging light is green.
- If charged by solar, the charging light is orange.
- If charged by the external adaptor, the charging light is red.

Power Light

- If the battery power is full, the power light is green.
- If the battery power is medium, the power light is orange.
- If the battery power is low, the power light is red, please charge.

LCD BACKLIGHT

Press the **LIGHT** button to turn on the LCD backlight. It will light for 5 seconds and then turn off.

SELECTING BANDS AND TUNING IN STATIONS

Turn the radio on. Select the band with the BAND Selection Knob and by looking at the red light above the radio's display. The red light appears to the left of the band or the weather channel that you've selected.

When listening to FM, Shortwave and Weather channels, pull up the telescopic antenna all the way. When tuning AM stations the telescopic antenna is not needed and can be lowered. Tune in stations by revolving the **Frequency Tuning Knob.**

The weather frequencies are on channels WB1 through WB7. Try all of them and find the one that's strongest; the strongest one is your weather station. Tune to it before setting the Weather Alert feature, described below.

SETTING THE WEATHER ALERT FEATURE

NOAA weather alerts warn you when a severe weather system is approaching.

Turn on the radio and tune in the weather channel that has the strongest signal. Then turn the **Multifunction Knob** (on the lower left side of the front of the radio) up to the Weather Alert position .Note that the weather alert LED lights up to the left of the weather alert symbol above the display and to the farthest right. After you've done this, the radio can be played on any other band, when an alert comes it will be heard and you can change to the weather channel.

SETTING THE TIME AND ALARM

IThe clock is a 12-hour clock, showing PM in the display starting at Noon. Turn off the radio. While pressing and holding the **TIME** or **ALARM SET** button, toggle the **HR** button (located above the display) to adjust the hour. Then toggle the **MIN** button (located above the display) to set the minutes.

TURNING THE ALARM ON AND OFF

With the radio on or off press the **AL ON/OFF button.** Notice that when it's on, **ALARM** appears in the lower right of the display.

SNOOZE BUTTON

When the alarm activates, pressing the **SNOOZE** button deactivates it for 5 minutes, then it starts again.

SLEEP FEATURE

The sleep timer can be activated with the radio turned on or off. Activating the sleep timer enables the radio to play for 90, 60, 30 and 10 minutes, then shut off automatically.

To activate it press the **SLEEP** button (in the upper right corner of the front of the radio). 90 minutes appears. If you don't want it to play for 90 minutes, keep pressing the button over and over and notice that the other minute selections appear. When it's on the one you want, stop pressing. The radio plays for the number of minutes and then stops.

MULTIFUNCTION KNOB (lower left corner) CONTINUED

The function switch has five positions. The top position is the **ALERT** position, then the **OFF, LIGHT, SOS** and **SIREN** position. All positions except **OFF** are labeled with an icon.

The **ALERT** position sets the Weather Channel alerts with the radio on or off.

The **OFF** position turns the function switch off.

The **LIGHT** position turns the white lights on (left side of radio) with the radio on or off.

The **SOS** position turns the red flashing light on. Can be used with the radio on or off.

The **SIREN** position turns on the siren. Can be used with the radio on or off.

EARPHONE JACK

Located on the back of the radio, under the rubber plugs. Plug in any stereo earphones. Audio is heard in mono only. Always turn down the volume before using earphone/headphoness.

AUDIO-IN JACK

Located on the back of the radio, under the rubber plugs, it enables you to listen to other devices, such as an iPod, using a stereo 3.5 mm (1/8 inch) cord to connected to it.

WARRRANTY REGISTRATION

To ensure full warranty coverage or product updates, registration of your product should be completed as soon as possible after purchase or receipt. You may use one of the following options to register your product:

1. By visiting our website at http://www.etoncorp.com.
2. Mail in enclosed warranty card.
3. Mail your warranty card or information to following address; include your name, full mailing address, phone number, email address, model purchased, date purchased, retail vendor name:

Etón Corporation
1015 Corporation Way
Palo Alto, CA 94303 USA

LIMITED WARANTY

Retain the warranty information from your warranty card with your proof of purchase or the Limited Warranty information can also be viewed at www.etoncorp.com.

SERVICE FOR YOUR PRODUCT

To obtain service for your product, we recommend first contacting an Etón service representative at 1-800-872-2228 US, 1-800-637-1648 Canada, (650) 903-3866, customersvc@etoncorp.com or your respective country distributor in Europe (see enclosed list) for problem determination and trouble-shooting. If further service is required, the technical staff will instruct how to proceed based on whether the radio is still under warranty or needs non-warranty service.

WARRRANTY

If your product is still in warranty and the Etón service representative determines warranty service is needed, a return authorization will be issued and instructions will be given. DO NOT ship your radio back without obtaining the return authorization.

NON-WARANTY

If your product is no longer under warranty and requires service, the Etón service representative will refer you to the nearest repair facility that will best handle the repair.

For service outside North America, please refer to the distributor information included at time of purchase/receipt.

NOTE FCC

The manufacturer is not responsible for any radio or tv interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.

Etón Corporation
Corporate Headquarters
1015 Corporation Way
Palo Alto, California 94303 USA
tel +1 650-903-3866
tel +1 800-872-2228
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1 Yonge Street, Suite 1801
Toronto, Ontario M5E 1W7 Canada
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v. 032408

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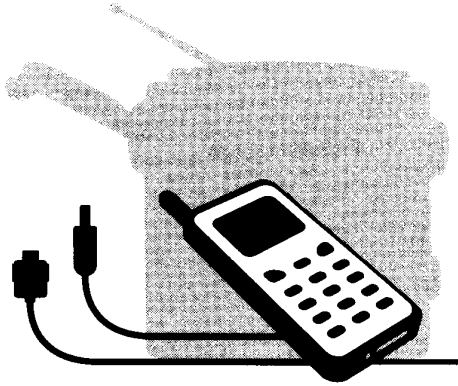
www.etoncorp.com

Etón Corporation
1015 Corporation Way
Palo Alto, CA 94303

USA



In order to obtain the cell phone adapter tip and cord for your Etón Crank Radio, choose one of the following options:

1. Fill out the form below and mail it back to us.*
2. Email us at **customer_support@etoncorp.com** with all required information.*
3. Register online at **www.etoncorp.com/productregistration.**

First Name: _____ Last Name: _____

Address: _____

City: _____

State/Province: _____ Zip/Postal Code: _____

Phone: _____ Email Address: _____

Cell Phone Brand: _____ Cell Phone Model #: _____

Please indicate model of radio purchased (ie. ARC FR400, Etón FR300,...)

* All information is required in order to process your request.
Please allow up to 3 weeks for your request to be processed

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www.etoncorp.com

Standard of Quality

Limited Warranty and Product Registration

USA

Etón Corporation
Corporate Headquarters
1015 Corporation Way
Palo Alto, CA 94303

www.etoncorp.com

Germany

Etón Europe / Lextronix Germany
Berlin Office
Rosenstrasse 2
D-10178 Berlin

www.lextronixusa.de

Canada

Etón Electronics Canada LTD
Toronto Office
1 Yonge Street, Suite 1801
Toronto, Ontario M5E 1W7

www.etoncorp.com

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re_inventing radio
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LIMITED WARRANTY

Etón Corporation (Etón) offers a limited warranty to the original customer against manufacturing defects in material and workmanship on this product. This warranty is valid only for the original purchaser and is not transferable.

TWO (2) YEARS PARTS AND LABOR - Europe
ONE (1) YEAR PARTS AND LABOR - North America

This limited warranty begins on the original date of purchase, and is valid only on products purchased through an authorized Etón retailer. Warranty repairs must be performed by Etón or an authorized service center. To receive warranty service, the original dated bill of sale, or a copy, must be presented upon request as proof of purchase. Installation, removal or reinstallation of the product is not included under this warranty. Shipping to Etón or the authorized service center is the responsibility of the purchaser. For products purchased in Europe, please return to your dealer or the distributor of your country, which is listed on a sheet included in the packaging.

Etón will repair or replace this product, at our option and at no charge, with new or reconditioned parts if this product is found to be defective during the limited warranty period. To be eligible for warranty coverage, the product must be returned with shipping charges prepaid no later than 15 days after the expiration of the warranty period to Etón or the designated service center. Prior to returning any product for warranty service, the purchaser must contact Etón or the designated service center for troubleshooting and service procedure instructions. Damaged parts or products become the property of Etón. Parts and products replaced by Etón assume the remaining original warranty, or ninety (90) days, whichever is longer.

This limited warranty covers manufacturing defects in material and workmanship encountered in normal, noncommercial use of this product and shall not apply to the following, including, but not limited to: damage that occurs due to applications and uses for which the product was not intended; failures or problems that are caused by products or equipment not supplied by Etón; accidents, misuse, abuse, neglect, misapplication, fire, water, lightning, or other acts of nature; incorrect line voltage, fluctuations, or surges; damage caused by improper or faulty installation; damage caused by acid leakage from improperly installed or defective batteries; product alteration or modification; or use of unauthorized parts, supplies, accessories, or equipment that damage this product or result in service problems.

SERVICE INFORMATION

To obtain service for your Etón product, first contact an Etón service representative at 1-800-872-2228 US, 1-800-637-1648 Canada or your respective country distributor in Europe (see enclosed list) for troubleshooting. Many common questions and problems can be resolved over the phone.

WARRANTY REGISTRATION

To ensure full warranty coverage or product updates, registration of your product should be completed as soon as possible after purchase or receipt. You may use one of the following options to register your product:

1. By visiting our website at **http://www.etoncorp.com.**
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Etón Corporation
1015 Corporation Way
Palo Alto, CA 94303 USA

Etón Europe
Rosenstrasse 2
D-10178 Berlin, Germany

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WARRANTY – If your product is still in warranty and the Etón service representative determines warranty service is needed, a return authorization will be issued and instructions will be given. DO NOT ship your radio back without obtaining the return authorization.

NON-WARRANTY – If your product is no longer under warranty and requires service, the Etón service representative will refer you to the nearest repair facility that will best handle the repair.

For service outside North America, please refer to the distributor information included at time of purchase/receipt.

*Denotes Required Field

Etón Product Registration

Go to: **www.etoncorp.com/productregistration**, or mail this form today.

Cell Phone Model #*:

Serial number*:
(located in the back of the unit)

Date of purchase*:

Dealers name*:

City*:

Country/Territory*:

Name*:

Address*:

City*:

State/Provice*:

Postal Code/ZIP Code*:

Country/Territory*:

Telephone Number*:

Email*:

1. Your annual income?

- ○ Under $14,999
- ○ $15,000 to $30,000
- ○ $30,001 to $50,000
- ○ $50,001 to $75,000
- ○ $75,001 to $150,000
- ○ Over $150,001

2. Your age?

- ○ Under 16
- ○ 16-20
- ○ 21-25
- ○ 26-30
- ○ 31-35
- ○ 36-40
- ○ 41-45
- ○ 46-50
- ○ 51-55
- ○ 56-60
- ○ 61 and over

3. What are your listening interests? (Check all that apply)

- ○ Satellite Radio
- ○ Local AM/FM
- ○ Shortwave/International Broadcast

4. Did you consider another unit before choosing this product?

- ○ Yes (Please Specify Model): _____
- ○ No

5. What is your occupation? _____

6. How did you hear about Etón?

- ○ Newspaper ad
- ○ Radio ad
- ○ Through a retailer
- ○ Article
- ○ Web Search
- ○ Other _____

○ **Yes!** I would like Etón to send me information on products including special offers, new product launches, and product updates/information:

○ Email ○ Mail

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